

# SP-A (Series)

## Cinema Amplifier



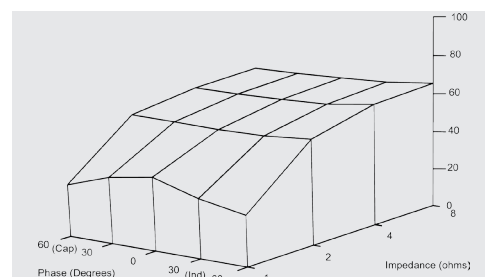
### PLEXIGLASS

A plexiglass cover secures the gain potentiometers against unintentional misadjustment.



### EASY CONNECTION

The SP-A series contains simple and secure phoenix connectors for easy installation.



### STABLE POWER

The SP-A series amplifiers power diagram shows an absolutely stable performance into all loads.

- 2 Ohm Load Capability
- Complete Amplifier Protection
- Dynamically Controlled Limiters
- Variable-Speed Fan Cooling
- Delayed Inrush Limiting „Softstart“
- Plexiglass Frontpanel Cover

### DESCRIPTION

*The SP-A series combine the sonic advantage of analogue amplifiers with the power efficiency of switch mode systems perfectly. Our top of the line models SP-A1 and SP-A2 use a switch mode power supply to alter the power rails as a function of the input signal. This lowers the power dissipation drastically and reduces the weight as well. The pulse-width-modulated power supply delivers the necessary energy for amazing bass and brilliant treble.*

*The traditional bipolar transistor design is extremely reliable and is built to give years of trouble free operation. A complete set of amplifier protection circuits designed with ample reserves make even critical situations look like childs play for these amplifiers.*

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*sensation.*

# SP-A (Series)

SPECIFICATIONS	SP-A1	SP-A2	SP-A3	SP-A4	SP-A5
P (OUT) 2 Ohm RMS	2 x 1450 W	2 x 1100 W	2 x 650 W	2 x 450 W	2 x 300 W
P (OUT) 4 Ohm RMS	2 x 1000 W	2 x 750 W	2 x 450 W	2 x 350 W	2 x 250 W
P (OUT) 8 Ohm RMS	2 x 650 W	2 x 450 W	2 x 260 W	2 x 210 W	2 x 170 W
P (OUT) Bridge 4 Ohm	2900 W	2200 W	1200 W	1000 W	600 W
P (OUT) Bridge 8 Ohm	2000 W	1600 W	1100 W	700 W	500 W
Slew Rate	> 40 V/us	> 40 V/us	> 34 V/us	> 34 V/us	> 30 V/us
Max. Power Consumption	3200 W	2600 W	2100 W	1800 W	1100 W
100V Transformer Option	no	no	no	yes	yes
Frequency Response	23 - 22000 Hz				
Damping F. 8 Ohm 1kHz	600 : 1				
Damping F. 4 Ohm 100Hz	430 : 1				
Signal to Noise	> 105 dB				
Distortion (1kHz P=50%)	< 0.05 %				
Subsonic Filter	23 Hz				
Operating Temperature	-5 ° to + 40 ° Celsius				
Amplifier Protection	DC, Short Circuit, HF Oscillation, Temperature, Audio Limiter				
Input Sensitivity	balanced 1 V <sub>rms</sub>				
Cooling	Variable-Speed Fan, Front-to-Rear Air Flow				
Inputs	2 x Phoenix 3-pin (Line In)				
Outputs	2 x Phoenix 3-pin (Link Out), Phoenix 4-pin (6 mm <sup>2</sup> ), Phoenix 8-pin (100/70/50V Option)				
Net Weight	16 kg	15 kg	14 kg	13 kg	12 kg
Dimensions (W x H x D)	483 x 88 x 360 mm				

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